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Datasheet for ABIN7535193  
**LILRA5 Protein (His tag)**

### Overview

Quantity:	100 µg
Target:	LILRA5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA5 protein is labelled with His tag.

### Product Details

Purpose:	Active Recombinant Human LILRA5/CD85f Protein
Sequence:	GNLSKATLWA EPGSVISRGN SVTIRCQGLT EAQEYRLVKE GSPEPQWDTQN PLEPKNKARF SIPSMTEHHA GRYRCYYYSP AGWSEPSDPL ELVVTGFYNK PTLALPSPV VTSGENVTLQ CGSRLRFDRF ILTEEGDHKL SWTLDSQLTP SGQFQALFPV GPVTPSHRWM LRCYGSRRHI LQVWSEPSDL LEIPVSGAAD NLSPSQNKSD SGTASHLQDY AVENLIR
Specificity:	Gly42-Arg268
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

### Target Details

Target:	LILRA5
Alternative Name:	LILRA5/CD85f ( <a href="#">LILRA5 Products</a> )

## Target Details

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**Background:** Description: LILRA5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LILR are a family of receptors possessing extracellular immunoglobulin domains. They are also known as CD85, ILTs, and can exert immunomodulatory effects on a wide range of immune cells. ILT-11 contains 2 Ig-like C2-type (immunoglobulin-like) domains. It can be detected in tissues of the hematopoietic system, including bone marrow, spleen, lymph node, and peripheral leukocytes. Crosslink of ILT-11 on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses.

Name: CD85,CD85F,ILT-11,ILT11,LILRB7,LIR-9,LIR9,LILRA5

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**Gene ID:** 353514

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**UniProt:** [A6NI73](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

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**Reconstitution:** Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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**Buffer:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

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**Storage:** -20 °C,-80 °C

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**Storage Comment:** Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.